

Species Tag:	44011	Species Name:	AlOH
Version:	1		Aluminum hydroxide,
Date:	Jan. 1996		X $^1\Sigma^+$
Contributor:	J. C. Pearson		

Lines Listed:	766	Q(300.0)=	2387.766
Freq. (GHz) <	2230	Q(225.0)=	1790.771
Max. J:	70	Q(150.0)=	1194.141
LOGSTR0=	-8.0	Q(75.00)=	597.886
LOGSTR1=	-8.0	Q(37.50)=	299.903
Isotope Corr.:	0.0	Q(18.75)=	150.952
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	76.498
μ_a =	1.040	A=	
μ_b =		B=	15740.3
μ_c =		C=	

The experimental measurements were reported by A. J. Apponi, W. L. Barclay, Jr. and L. M. Ziurys, 1993, *Astrophys. J.* **414**, L129. The dipole moment has been calculated to be 1.040 Debye by G. Vacek, B. J. DeLeeuw and H. F. Schaefer, 1993, *J. Chem. Phys.* **98**, 8704.